

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	44	(shock adj absorb\$3 or impact or energy) and (tubular or cylindrical or hollow) same (deform\$5 or crush\$5 or deflect\$3) same (helical \$2 or spiral \$3) and bumper	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/22 06:59
L2	22	(shock adj absorb\$3 or impact or energy) and (deform\$5 or crush\$5 or deflect\$3) same (helical \$2 or spiral \$3) near7 wound and bumper	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/22 07:04
L8	27	(shock or impact or energy) same absorb\$3 and (tubular or cylindrical or hollow) same (deform\$5 or crush\$5 or deflect\$3) same (helical \$2 or spiral \$3) and bumper	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/22 07:09

L10	1092	(shock or impact or energy) adj absorb\$3 and (tubular or cylindrical or hollow) same (deform\$5 or crush\$5 or deflect\$3) and bumper	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/22 07:10
L11	25	(shock or impact or energy) adj absorb\$3 and (tubular or cylindrical or hollow) same (deform\$5 or crush\$5 or deflect\$3) same (helical \$2 or spiral \$3) and bumper	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/22 07:11
L12	159	10 and "188"/\$.cls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/22 07:13
L13	399	10 and "293"/\$.cls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/22 07:14
L14	154	10 and "296"/\$.cls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/22 07:14

L15	718	(shock or impact or energy) adj absorb\$3 and (tubular or cylindrical or hollow) same (deform\$5 or crush\$5 or deflect\$3) and bumper same vehicle	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/22 07:15
L16	371	15 and "293"/\$.cls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/22 07:15
L17	122	15 and "296"/\$.cls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/22 07:15
L18	113	15 and "188"/\$.cls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/22 07:15
L19	45	15 and spiral \$2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/22 07:18
L20	775	(shock or impact or energy) adj absorb\$3 and (tubular or cylindrical or hollow) same (deform\$5 or crush\$5 or deflect\$3 or collapse\$4) and bumper same vehicle	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/22 07:21

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